

# *THROTTLE ASSEMBLY HAVING DEAD-BAND LINKAGE*

## **Abstract**

An apparatus and method for adjusting a throttle plate of a throttle assembly of an internal combustion engine is disclosed. A throttle linkage mechanically connects a throttle actuator to the throttle assembly with a deadband therebetween. The deadband allows the throttle plate to remain in a closed position during initial movement of the throttle actuator and initial acceleration, thereby reducing overall engine noise.